

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(A09094) Hex(D1B8BE) Hex(A09490) Hex(4F4749) Hex(8F0024) Hex(0F0004)

	Hex(A09094)	Hex(D1B8BE)	Hex(A09490)	Hex(4F4749)	Hex(8F0024)	Hex(0F0004)
Hex(A09094)		Ratio: 1.64 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(D1B8BE)	Ratio: 1.64 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 11.07 Passed ⁶
Hex(A09490)	Ratio: 1.03 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(4F4749)	Ratio: 2.97 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(8F0024)	Ratio: 3.15 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.15 Failed ⁵
Hex(0F0004)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 11.07 Passed ⁶	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 2.15 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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